

AMENDMENTS TO THE CLAIMS

1. (Currently Amended) An unsealed washable electric motor assembly ~~for use in food or medicine preparation applications subject to FDA oversight, said motor assembly comprising:~~
~~an electric motor having stainless steel exposed surfaces~~ said electric motor comprising at least one unsealed stator designed to operate in wet environments, and at least one rotor sealed with a stainless steel sleeve, said motor being used in conjunction with a machine used for food or medicine preparation applications that are subject to FDA oversight; and an unsealed stainless steel housing within which said at least one unsealed stator and said at least one rotor is disposed, said housing being configured to admit washing fluid during a washing operation and to allow the exit of the washing fluid upon completion of the washing operation; whereby said washable electric motor assembly is resistant to the effects of corrosive substances, and said electric motor is protected against failure from corrosion by the exiting of the washing fluid from the unsealed stainless steel housing.

2. (Original) The washable electric motor assembly according to Claim 1, wherein the unsealed stainless steel housing is further configured to permit the washing fluid to be driven off by thermal energy generated by operation of the electric motor.

3.-5. (Canceled without prejudice)

6. (Previously presented) The washable electric motor assembly according to Claim 1, wherein said electric motor is a permanent magnet motor.
7. (Previously presented) The washable electric motor assembly according to Claim 1, further comprising a resolver.
8. (Previously presented) The washable electric motor assembly according to Claim 1, further comprising an encoder.
9. (Previously presented) The washable electric motor assembly according to Claim 1, further comprising sealed type bearings.
10. (Previously presented) The washable electric motor assembly according to Claim 9, wherein said sealed type bearings additionally comprise a lubricant compatible with FDA oversight.
11. (Currently Amended) A method of washing said unsealed washable electric motor assembly, comprising the steps of:
providing an unsealed washable electric motor assembly according to claim 1;

washing said unsealed washable electric motor assembly with a washing fluid that is permitted contact to said exposed surface surfaces of said electric motor to clean the exterior of said motor assembly and that is wherein washing fluid is permitted to enter an interior of said unsealed washable electric motor assembly housing;

removing said washing fluid from said unsealed washable electric motor assembly; and

operating said electric motor, whereby residual washing fluid remaining on said exposed surface surfaces of said electric motor and within the interior of said unsealed washable electric motor assembly is driven off as a result of a heating of said motor during said operation;

whereby said electric motor and said unsealed washable electric motor assembly are cleaned, and said electric motor is protected against failure from corrosion by the driving off of the residual fluid from said unsealed washable electric motor assembly.

12. (Currently Amended) The method of washing said unsealed washable electric motor assembly according to Claim 11, wherein the step of removing said washing fluid from said unsealed washable electric motor assembly includes permitting said washing fluid to drain from the interior of said unsealed washable electric motor assembly housing.

13. (Previously Presented) The method of washing said unsealed washable electric motor assembly according to Claim 11, further comprising the step of:
removing said unsealed washable electric motor assembly from an apparatus to which said unsealed washable electric motor assembly is mounted prior to performing said washing step.
14. (New) The washable electric motor assembly according to Claim 10, wherein said lubricant is Thermaplex.
15. (New) The washable electric motor assembly according to Claim 7, wherein said resolver is unsealed.
16. (New) The washable electric motor assembly according to Claim 7, wherein said resolver is sealed.